Test Type: 14-DAY **Route:** DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

C Number: C99007

Lock Date: 10/11/2001

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male

VEHICLE CONTROL

Test Type: 14-DAY

Route: DOSED FEED

DAY ON TEST 0 0 0 *1* 5 5 ANIMAL ID

1 5 *1* 5 5 0 0 0 0 0 0 0 Ō 0 0 0 001 0 0 0 0 3 0 5 0

0

0 0

*TOTALS

Alimentary System

5 Liver

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34

Lab: MBA

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

CAS Number: GOLDENSEALRT

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male VEHICLE CONTROL

		_		_	_
DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ +

5

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 1560 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY **Route:** DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

DAY ON TEST

B6C3F1 Mouse Male 1560 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 3121 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 3121 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34 First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male

Test Type: 14-DAY

Route: DOSED FEED

DAY ON TEST 0 0 0 0 0 0 0 *1* 5 *1* 5 *1* 5 5 0 0 0 0 0 0 0 3 2 ANIMAL ID Ō 0 0 0 3 1 0 0 0 3 3 5 3

*TOTALS

Alimentary System

NONE

6250 PPM

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen 1

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 6250 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
V V I I V V V V V V V V V V V V V V V V	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	3	3	3	3	3
	1	2	3	4	5

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

DAY ON TEST

B6C3F1 Mouse Male 12500 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY **Route:** DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 12500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34 First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

B6C3F1	Mouse	Male
25000	PPM	

AY ON TEST	0	0	0	0	0
	Ö	Ö	Ö	Ö	Ö
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0 5	5 2	5 3	5	5
	1	2	3	4	5

*TOTALS

Alimentary System

Liver + + + + + 5

D

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X ..Lesion present
- I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

B6C3F1 Mouse Male 25000 PPM

DAY ON TEST	0	0	0	0	0
	1	<i>1</i> 5	1 5	<i>1</i> 5	1 5
	3	3	3	3	3
ANIMAL ID	0	0	0	0	0
AMIMALID	0	0	0	0	0
	0	0	0	0	0
	5	5 2	5	5	5 5
	1	2	3	4	5

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

5

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

	DAY ON TEST	0	0	0
B6C3F1 Mouse Male		0	0	0
		1	1	1
50000 PPM		5	5	5
	ANIMAL ID	0	0	0
		0	0	0
		0	0	0
		6	6	6
		1	2	3

*TOTALS

5

Alimentary System

Liver

Õ Õ Ō 0 6 5

0 0

0

6

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Test Type: 14-DAY Route: DOSED FEED

First Dose M/F: NA / NA Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 50000 PPM

DAY ON TEST	0	0	0	0	0
	<i>1</i> 5	<i>1</i> 5	1 5	<i>1</i> 5	5
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	6	6	6	6	6
	1	2	3	4	5

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

END OF MALE DATA

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

DAY ON TEST 0 0 0 0 0 0 0 **B6C3F1 Mouse Female** *1* 5 *1* 5 *1* 5 5 5 **VEHICLE CONTROL** 0 0 0 0 0 0 0 ANIMAL ID Ō 0 0 0 0 0 0 0 0 7 0 1 0

*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK ..Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34 First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

CAS Number: GOLDENSEALRT

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Female VEHICLE CONTROL

DAY ON TEST 0 0 0 0 0 0 *1* 5 *1* 5 *1* 5 5 0 0 0 0 0 0 0 7 ANIMAL ID Ō 0 006 0 0 0 0 1 0

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + +

5

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder **CAS Number: GOLDENSEALRT**

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 1560 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY **Route:** DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 1560 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I ..Insufficient tissue

Goldenseal root powder Time F

Test Compound: Goldenseal root powder **CAS Number:** GOLDENSEALRT

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder **CAS Number:** GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 3121 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY **Route:** DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 3121 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34 First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 6250 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 6250 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0 Test Compound: Goldenseal root powder **CAS Number: GOLDENSEALRT**

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder **CAS Number:** GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 12500 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY **Route:** DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 12500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34 First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Test Type: 14-DAY Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

DAY ON TEST **B6C3F1 Mouse Female 25000 PPM**

0 0 0 0 *1* 5 *1* 5 *1* 5 5 0 0 0 0 0 0 0 5 7 ANIMAL ID Ō 0 0 0 5 6 0 0 0 5 8 5 9 6

0

0 0

*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

B6C3F1 Mouse Female

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

CAS Number: GOLDENSEALRT

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

DAY ON TEST

0 0 0 0 0 0 *1* 5 *1* 5 *1* 5 5 0 0 0 0 0 0 5 7 ANIMAL ID Ō 0 0 5 6 0 0 0 5 8 5 9 6

*TOTALS

5

Respiratory System

25000 PPM

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: GOLDENSEALRT

B6C3F1 Mouse Female 50000 PPM

DAY ON TEST 0 0 0 0 0 0 0 *1* 5 *1* 5 *1* 5 5 0 0 0 0 0 0 0 ANIMAL ID Ō 0 0 0 6 6 0 0 0 6 7 6 8 6 9 7 0

*TOTALS

5

Alimentary System

Liver

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:34

Lab: MBA

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:34

First Dose M/F: NA / NA

Lab: MBA

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

	D
B6C3F	1 Mouse Female
50000	PPM

DAY ON TEST 0 0 0 0 0 *1* 5 *1* 5 5 0 0 0 0 0 6 6 0 0 0 6 7 ANIMAL ID Ō 0 0 7 0 0 0 6 8 6 9

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

** END OF REPORT **

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue